OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/909,088

DATE: 12/17/2001
TIME: 15:26:15

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Output Set: N:\CRF3\12172001\I909088.raw

<110> APPLICANT: Genentech, Inc.
Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
Eaton, Dan L.
Ferrara, Napoleone
Filvaroff, Ellen
Fong, Sherman
Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, A.
Godowski, Paul J.
Grimaldi, Christopher J.
Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
Pan, James
Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
Williams, P. Mickey
Wood, William, I.

<120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

<130> FILE REFERENCE: 10466-14

<140> CURRENT APPLICATION NUMBER: 09/909,088
<141> CURRENT FILING DATE: 2001-07-18

<150> PRIOR APPLICATION NUMBER: 09/665,350
<151> PRIOR FILING DATE: 2000-09-18

<150> PRIOR APPLICATION NUMBER: PCT/US00/04414
<151> PRIOR FILING DATE: 2000-02-22

<150> PRIOR APPLICATION NUMBER: US 60/143,048
<151> PRIOR FILING DATE: 1999-07-07

<150> PRIOR APPLICATION NUMBER: US 60/145,698
<151> PRIOR FILING DATE: 1999-07-26

<150> PRIOR APPLICATION NUMBER: US 60/146,222
<151> PRIOR FILING DATE: 1999-07-28

<150> PRIOR APPLICATION NUMBER: PCT/US99/20594
<151> PRIOR FILING DATE: 1999-09-08

<150> PRIOR APPLICATION NUMBER: PCT/US99/20944
<151> PRIOR FILING DATE: 1999-09-13

<150> PRIOR APPLICATION NUMBER: PCT/US99/21090
<151> PRIOR FILING DATE: 1999-09-15

<150> PRIOR APPLICATION NUMBER: PCT/US99/21547

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<151> PRIOR FILING DATE: 1999-10-05
<150> PRIOR APPLICATION NUMBER: PCT/US99/28214
<151> PRIOR FILING DATE: 1999-11-29
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<151> PRIOR FILING DATE: 1999-12-20
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Input Set : N:\Crf3\RULE60\09909088.txt
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154 gcctgctctc taacggttga ttctcatttg tcccttaaac agctgcattt 1350
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158 aaaattgacc attgtaggta atcaggagga aaaaaaaaaa aaaaaaaaaa 1450
160 aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
162 gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca 1550
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166 ttgtccaaac tcatcaatgt atcttatcat gtctggatcg ggaattaatt 1650
168 cggcgcagca ccatggcctg aaataacctc tgaaagagga acttggttag 1700
170 gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg tcagttaggg 1750
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188 Cys His Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met
189 35 40 45
191 Val Asp Thr Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp
192 50 55 60
194 Glu Glu Lys Thr Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu
195 65 70 75
197 Leu Glu Ile Leu Glu Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys
198 80 85 90
200 Asn Gln Met Leu Glu Ala Gln Glu Glu His Leu Glu Ala Trp Trp
201 95 100 105
203 Leu Gln Leu Lys Ser Glu Tyr Pro Asp Leu Phe Glu Trp Phe Cys
204 110 115 120
206 Val Lys Thr Leu Lys Val Cys Cys Ser Pro Gly Thr Tyr Gly Pro
207 125 130 135
209 Asp Cys Leu Ala Cys Gln Gly Gly Ser Gln Arg Pro Cys Ser Gly
210 140 145 150
212 Asn Gly His Cys Ser Gly Asp Gly Ser Arg Gln Gly Asp Gly Ser
213 155 160 165
215 Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu Cys Thr Asp Cys
216 170 175 180
219 Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr His Ser Ile
220 185 190 195
222 Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly Leu Thr
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225 Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp Glu
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PATENT APPLICATION: US/09/909,088 TIME: 15:26:15

Input Set : N:\Crf3\RULE60\09909088.txt
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237  Pro Gly Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His
238                 275                 280                 285
240  Gly Gln Cys Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr
241                 290                 295                 300
243  Cys Val Arg Lys Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr
244                 305                 310                 315
246  Val Cys Val Cys Pro Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys
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265  cgcccagccg tctaaacggg aacagccctg gctgagggag ctgcagcgca 150
267  gcagagtatc tgacggcgcc aggttgcgta ggtgcggcac gaggagtttt 200
269  cccggcagcg aggaggtcct gagcagcatg gcccggagga gcgccttccc 250
271  tgccgccgcg ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300
273  gggcggaggc cgggccgccg caggaggaga gcctgtacct atggatcgat 350
275  gctcaccagg caagagtact cataggattt gaagaagata tcctgattgt 400
277  ttcagagggg aaaatggcac cttttacaca tgatttcaga aaagcgcaac 450
279  agagaatgcc agctattcct gtcaatatcc attccatgaa ttttacctgg 500
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284  cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600
286  gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt 650
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306  agcaaatgta agtgttccaa aggttaccag ggagacctct gttcaaagcc 1150
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RAW SEQUENCE LISTING DATE: 12/17/2001
PATENT APPLICATION: US/09/909,088 TIME: 15:26:15

Input Set : N:\Crf3\RULE60\09909088.txt
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322  actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag 1550
324  catgatggta tagattttct tgtttcagtg ctttgggaca gattttatat 1600
326  tatgtcaatt gatcaggtta aaattttcag tgtgtagttg gcagatattt 1650
328  tcaaaattac aatgcattta tggtgtctgg gggcagggga acatcagaaa 1700
330  ggttaaattg ggcaaaaatg cgtaagtcac aagaatttgg atggtgcagt 1750
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334  ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata 1850
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342  aatatattgt aaacaaaaca cagctcttac ctaataaaca ttttatactg 2050
344  tttgtatgta taaaataaag gtgctgcttt agtttttgg aaaaaaaaaa 2100
346  aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactctagag 2150
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355 <212> TYPE: PRT
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363                   20                  25                  30
365  Pro Gln Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala
366                   35                  40                  45
368  Arg Val Leu Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu
369                   50                  55                  60
371  Gly Lys Met Ala Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln
372                   65                  70                  75
374  Arg Met Pro Ala Ile Pro Val Asn Ile His Ser Met Asn Phe Thr
375                   80                  85                  90
377  Trp Gln Ala Ala Gly Gln Ala Glu Tyr Phe Tyr Glu Phe Leu Ser
378                   95                 100                 105
380  Leu Arg Ser Leu Asp Lys Gly Ile Met Ala Asp Pro Thr Val Asn
381                  110                 115                 120
383  Val Pro Leu Leu Gly Thr Val Pro His Lys Ala Ser Val Val Gln
384                  125                 130                 135
386  Val Gly Phe Pro Cys Leu Gly Lys Gln Asp Gly Val Ala Ala Phe
387                  140                 145                 150
389  Glu Val Asp Val Ile Val Met Asn Ser Glu Gly Asn Thr Ile Leu
390                  155                 160                 165
392  Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr Cys Gln Gln Ala
393                  170                 175                 180
395  Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys Asn Glu Arg
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/909,088

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L:5254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
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